

REMARKS

Claims 1-13 are pending in the present application.

Entry of the above amendments is earnestly solicited.

An early and favorable first action on the merits is earnestly requested.

Should there be any matters that need to be resolved in the present application, the Examiner is respectfully requested to contact the undersigned at the telephone number listed below.

Attached hereto is a marked-up version of the changes made to the abstract of the disclosure by the current amendment. The attached page is captioned "VERSION WITH MARKINGS TO SHOW CHANGES MADE."

Respectfully submitted,

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Attachments

VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE ABSTRACT OF THE DISCLOSURE:

The Abstract of the Disclosure has been amended as follows:

ABSTRACT OF THE DISCLOSURE

In a recording unit of an information recording apparatus which performs information recording on an optical disc and the like, recording waveform data defining a driving pulse to be supplied to a recording light source such as a laser diode is prepared as digital data. The digital data is produced in consideration of individual characteristics caused by the laser diode and the laser driver and the combination thereof so that preferred laser emitting waveforms can be obtained when the laser diode and the laser driver are utilized, and the data is stored in advance. During actual information recording, the prepared digital data are read out and the driving pulse waveforms are generated according to data to be recorded, a recording power and the like. The driving pulse waveforms are converted to analog signals, by which a laser diode is driven. ~~Accordingly, effects of individual characteristics of the laser diode and the like are eliminated and appropriate information recording can be performed.~~

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In a recording unit of an information recording apparatus which performs information recording on an optical disc and the like, recording waveform data defining a driving pulse to be supplied to a recording light source such as a laser diode is prepared as digital data. The digital data is produced in consideration of individual characteristics caused by the laser diode and the laser driver and the combination thereof so that preferred laser emitting waveforms can be obtained when the laser diode and the laser driver are utilized, and the data is stored in advance. During actual information recording, the prepared digital data are read out and the driving pulse waveforms are generated according to data to be recorded, a recording power and the like. The driving pulse waveforms are converted to analog signals, by which a laser diode is driven.